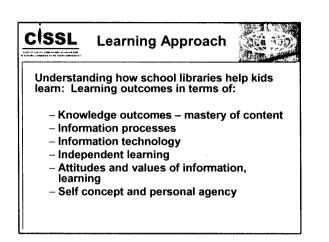


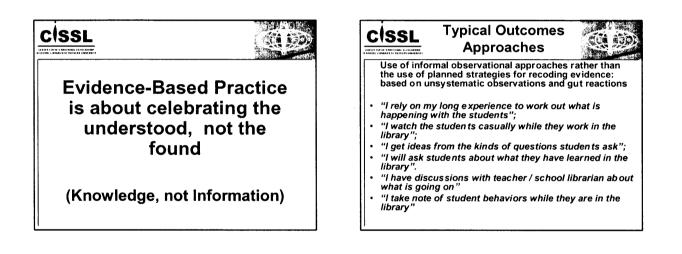
## <u>CISSL</u>

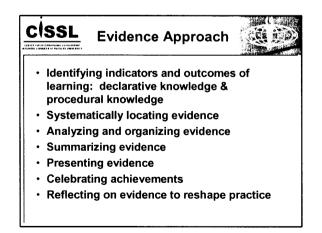
#### Library Approach

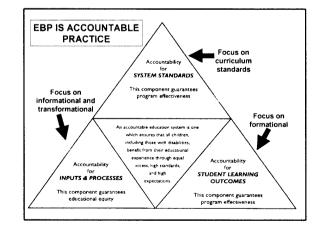


- Number of classes in the library
- Number of library items borrowed
- Number of students using the library at lunch times
- Number of items purchased annually
- Number of web searches
- Number of books lost
- Students suffering from PFS and LHC

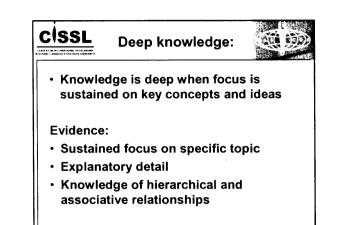


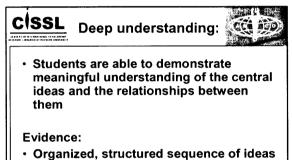






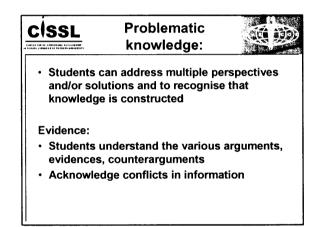
CISSL	Evidence of Knowledge	
CENTER FOR LETERATIONAL CONCLASSION	Construction	
	Intellectual Quality	
	Deep knowledge	
	Deep understanding	
	Problematic	
	knowledge	
	Higher order	
	thinking	
	Meta-language	
	Substantive	
	communication	

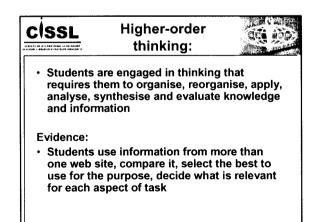


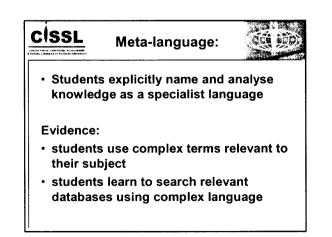




- Diversity of viewpoints / positions
- Presentation and discussion



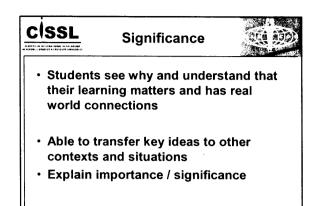


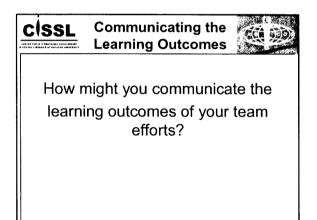


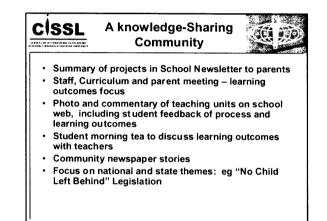
# CISSL Substantive communication: • Students engage in sustained conversations about the concepts and ideas – can manifest in oral, written, artistic forms

Evidence:

- Increased confidence in presentations
- Increased quality of classroom discussion after library visits
- Increase in quality and frequency of questions about research topics
- Increased retention of content which is utilized in later discussions

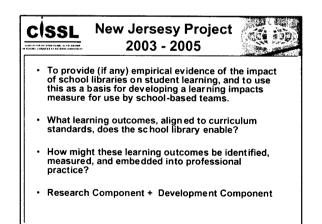


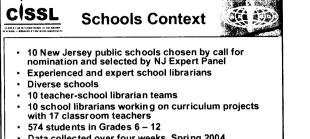




# CISSL Setting the Example

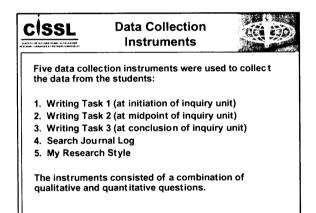
"I do not let an opportunity go by when I let staff know about what the library contributes to learning. I always quote some of the things the students have said to illustrate my points. The school has got the idea that what I am on about in helping kids learn. The key thing in my view is to have something to say that goes beyond gut reaction. The student survey does just that. ... I believe they listen a great deal to this".

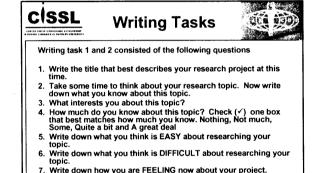




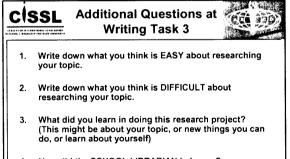
Data collected over four weeks, Spring 2004
Inquiry Training Institute Feb 24, 2004: overview and critique of units, use of data collection instruments, procedures and ethical guidelines

CISSL		Inquiry Unit Profile		
School	Grade	No. of Students	No. of Teachers	Project description
1	6	47	2	Social Studies: Ancient civilizations
2	8	72	1	Social Studies - Middle Ages & Renaissance
3	9-10	19	1	Biology - 8 characteristics of life
4	×	6.3	2	Heritage project
5	9-12	70	3	3 projects Research & Debate – current issues in society, Social studies – 4 English – "American Dream" 1920s
6	8	64	3	3 projects ESL - heritage project English - multicultural literature, self choice Biology - repeated same unit as have for several years
7	10	22	2	An accomplished person
	10	74	1	Chemistry - A chemical component
9	8	04	3	4 projects Humanifies - Westward expansion Science - related to Westward English - poetry Language - national anthem
10	7	67	3	Humanities - traditions of another country

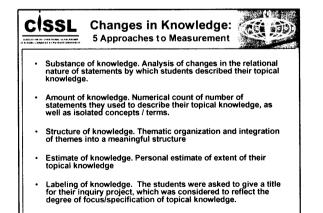




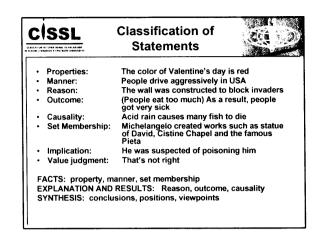
7. Write down how you are FEELING now about your project. Check (✓) only the boxes that apply to you. Confident, Disappointed, Relieved, Frustrated, Confused, Optimistic, Uncertain, Satisfied, Anxious or Other.

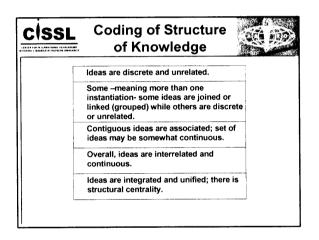


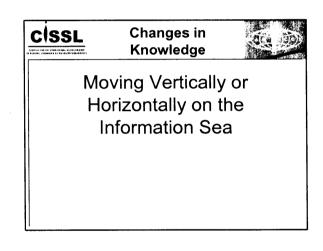
- 4. How did the SCHOOL LIBRARIAN help you?
- 5. How did the TEACHER help you?

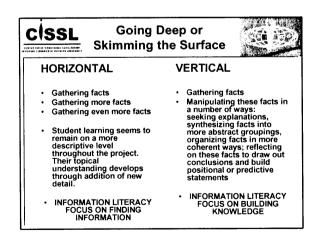


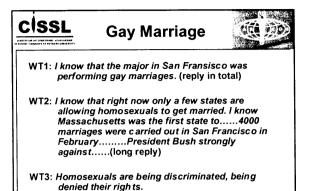
ci		Substance of knowledge
	Classification of S between concepts	tatements: based on nature of relationships
	Graesser & Clark ( knowledge. Norwo	1985) Structures and procedures of implicit od, N.J.: Ablex.
	Properties:	statements describing characteristics
•	Manner:	statements describing processes, styles, actions
•	Reason:	statements of explanations of how and why
•	Outcome:	statements providing end result
•	Causality: leads	statements showing some event causally to another
•	Set Membership:	statements about class inclusion
•	Implication:	statements showing predictive relations, inference, implied meaning
•	Value judgment:	statements presenting personal position or viewpoint



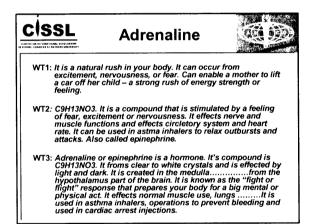


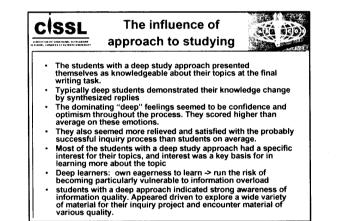


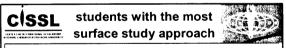




SSL	Horizontal	
WT1: He is ve	ery famous for his play s	(100, 285001)
	ried Anne Hathaway. They h wrote 37 plays and 152 soi  )	
Stratfo age 18 Susan sister	born on April 23, 1564 in W ord-upon-Avon, Britain . Had three children; Judith, a. He was the first boy in th and 1 brother, Joan, Margar 1.(100, 285001)	Married at , Hammet and e family, had 3







- Their knowledge seeme d to remain on a rather factual level throughout their projects.
- Their own estimates of knowledge did not either change as much as on average, but rather remained on similar levels throughout the project.
- Little increase in level of their topical knowledge.
   The aspect of the search process that these
- students predominantly mentioned as easy was availability of information. • fact-finding approach where information seeking
- fact-finding approach where information seeking foremost is seen as a process of collecting facts.
- The students with a surface study approach seemed particularly relieved when the projects ended.
- Low levels of interest and engagement.

cis	SSL	What learnings took place?	
• Ir	ncrease in	n knowledge about a topic	
	evelopm nformatio	ent of research skills, especially "comb n	ining"
• s	skills in u nternet, O	sing specific online sources (online dat 0PACs)	abases,
• V ii	Videned i nformatio ecognitio	nformation horizon and changed conce n seeking – "The Transformed Googlia n of beneficial information sources bey	eptions of ns" – ond Google
• N	Aore reali	stic conceptions of efficient information	n seeking

- Heightened awareness of quality aspects of information
- Dealing with information conflict

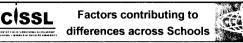
### CISSL



- Yes there were variations in the schools.
- Changes in knowledge (knowledge growth) did not occur evenly in the schools

Differences

 No significant variations across the age, grade, and gender groups; the disciplinary field does not seem to be an explanatory factor



- Nature of task: imposed task or negotiated task
- · Engagement and ownership
- Nature of Interventions: Development of skills to construct knowledge rather than finding information

